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Morris et al.

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(54) **FILTER ELEMENT HAVING END CAP SEAL
AND FILTER ASSEMBLY**

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B01D 36/001; B01D 2201/291; B01D
2201/40; F16N 39/06

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See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 434 days.

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(57) **ABSTRACT**

A filter element may include a tubular member including an end portion at least partially defining an inlet port configured to provide flow communication to a filter medium of the filter element, and at least partially defining an outlet port configured to provide flow communication from the filter medium. The filter element may further include a filter medium associated with the tubular member, and an end cap associated with the end portion of the tubular member and the filter medium. The end cap may include a plate transverse to the longitudinal axis of the tubular member, and a sealing wall coupled to the plate and extending transverse to the plate. The sealing wall may include a seal portion configured to be compressed between a filter canister and a portion of a filter base to provide a seal between the filter canister and the portion of the filter base.

(52) **U.S. Cl.**

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(58) **Field of Classification Search**

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